USER'S MANUAL

Low Cost Spa Controller

MODEL L1103A

When using electrical equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read and follow all instructions before using the equipment
2. Keep the cord out of heavy traffic area. To avoid fire hazard NEVER put the cord under rugs, near heat generating devices
3. Always turn off the equipment before servicing
4. Do not drop or insert any object into any openings
5. Do not operate any equipment with a damaged parts
6. Any other use not recommended by the manufacturer may electrical shock or injury to persons
7. Never use outdoors
8. Do not attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty.

After reading this owner's guide, if you have any questions or comments, please call +1-817-633-1080 or contact our technical support department at support@luraco.com or visit our website at www.luraco.com for more information

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

FEATURES - OPERATIONS

Product's Features

- Low cost
- Compact design
- 2 Switched on/off outlets
- 2 Continuous outlets
- 1 Discharge pump control with 3 minute timer ***(Optional)***

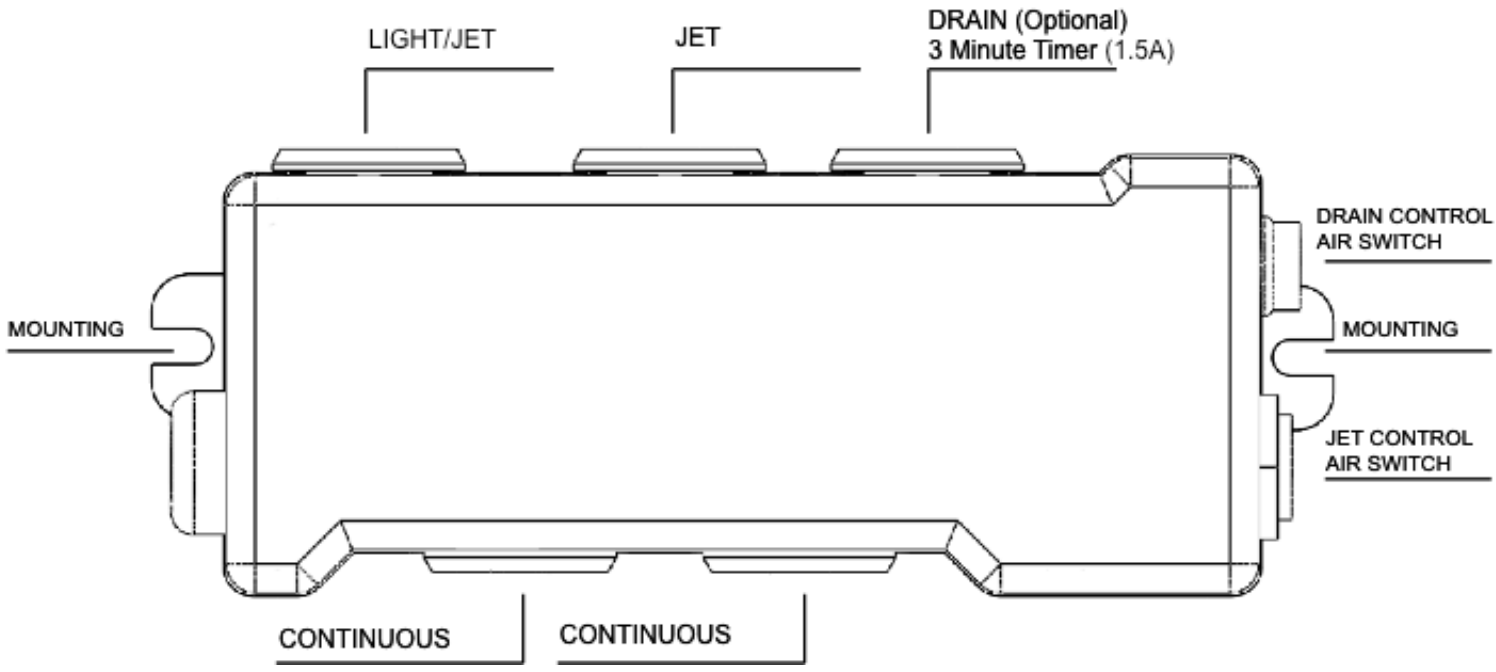

Fig.1 Port Designation

Installation and Operation

I) **Mounting:** The controller is mounted via 2 slots shown in Fig. 1.

II) Pressure Switch Connection

Ports (Drain control and JET control air switches) are connected to air buttons via flexible plastic tubes with recommended ID of 3.0m and OD of 6.5mm. The recommended air button is LURACO's type as shown in Fig. 2 below.

- High quality
- Excellent pressure holding

Fig.2 LURACO's Air Button

III) How to operate

- Pressing the JET air switch button will turn On/Off the Jet and color light
- Pressing the Drain air switch button will turn On the drain pump for 3 minutes

WARRANTY INFORMATION

TWO (2) YEAR LIMITED WARRANTY

1. This Warranty applies only to the original purchaser of this product.

2. This Warranty applies ONLY to repair or replacement of any supplied or manufactured parts of this product. The warranty does not cover normal wear, coating, dropped or abused unit.

3. Unless otherwise proscribed by law, The LURACO technologies, Inc. shall not be liable for any personal injury, property or any incidental or consequential damages of any kind resulting from malfunctions, defects, misuse, by improper installation or alteration of this product.

Attention: Any modification to the product will void the warranty

Important Instructions

If you need to send a unit to us for repair, please follow the steps below.

1. Carefully pack the item in its original carton or other suitable box to avoid damage in shipping.
2. Before packing your unit; be sure to enclose:
    - Your name with full shipping address and telephone number
    - A dated receipt to show a PROOF OF PURCHASE
    - Attach a paper with detail the problem you are having

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THANK YOU FOR BUYING LURACO TECHNOLOGIES' PRODUCTS

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